

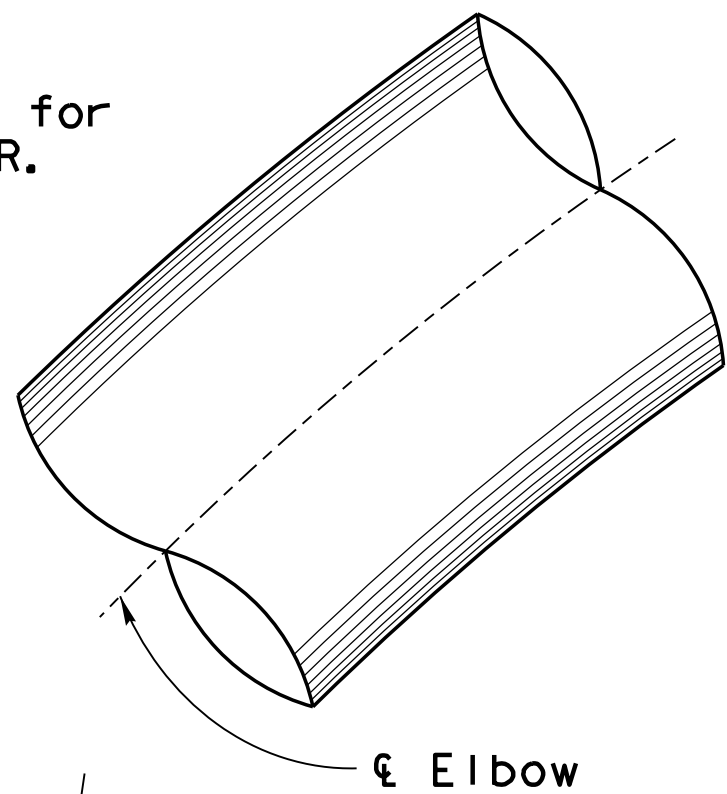
Note to Designer:
The information presented in this Standard Detail has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border line shall not be altered.

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	Original Issue	JAP.	6-01
2	General Update	SUH.	3-11
3			
4			

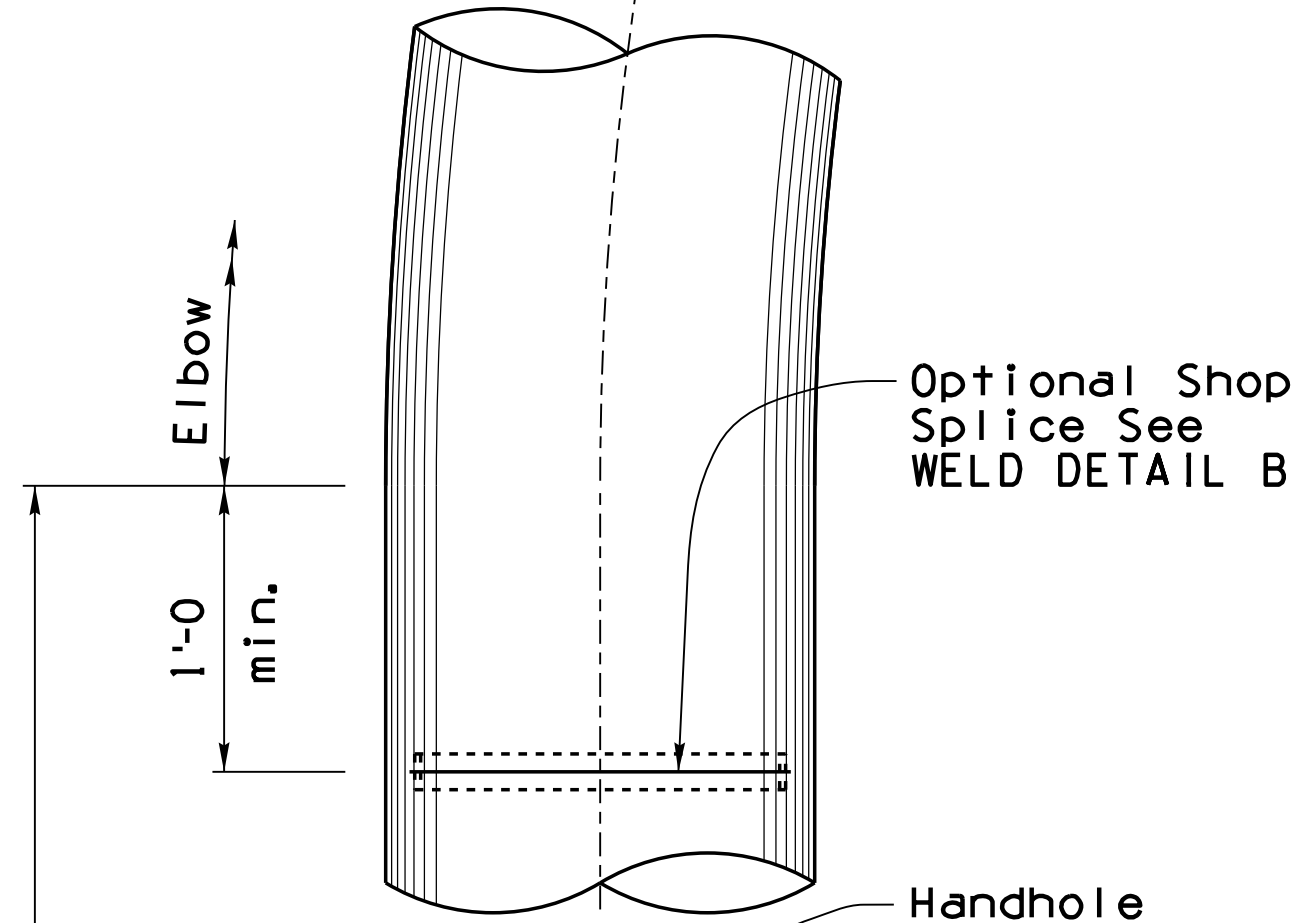
Field Splice					
Frame Type	Pipe Dia.	R Dia.	R Thickness	No. of Bolts	B.C. Dia.
1C	16"	22"	1 1/4"	22	19 1/2"
2C	18"	24"	1 3/8"	26	21 1/2"
3C	20"	26"	1 3/8"	29	23 1/2"
4C	22"	28"	1 1/2"	31	25 1/2"

NOTE:

Provide handholes for TUBULAR CANTILEVER. See HANDHOLE & COVER DETAILS.

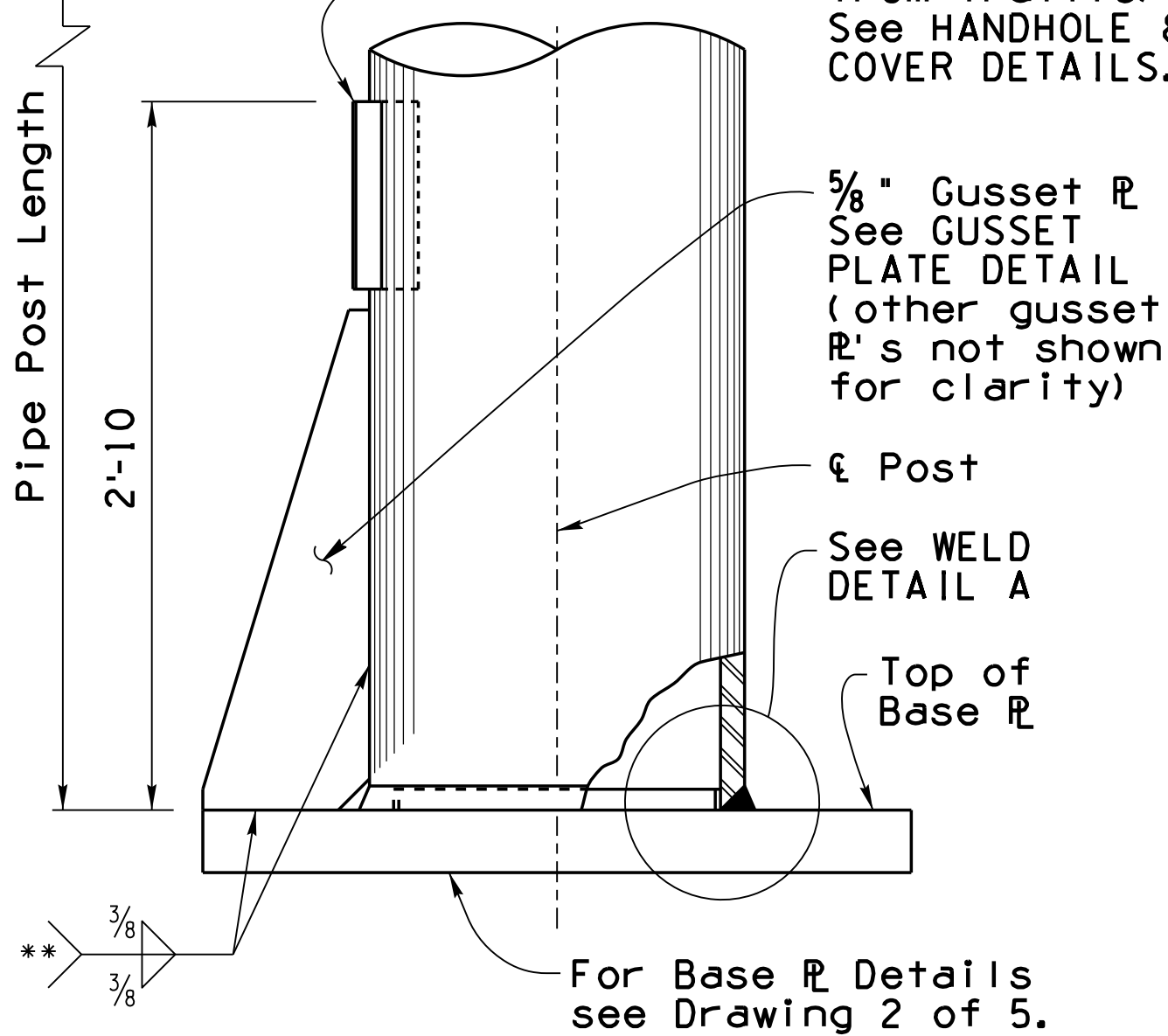


Elbow



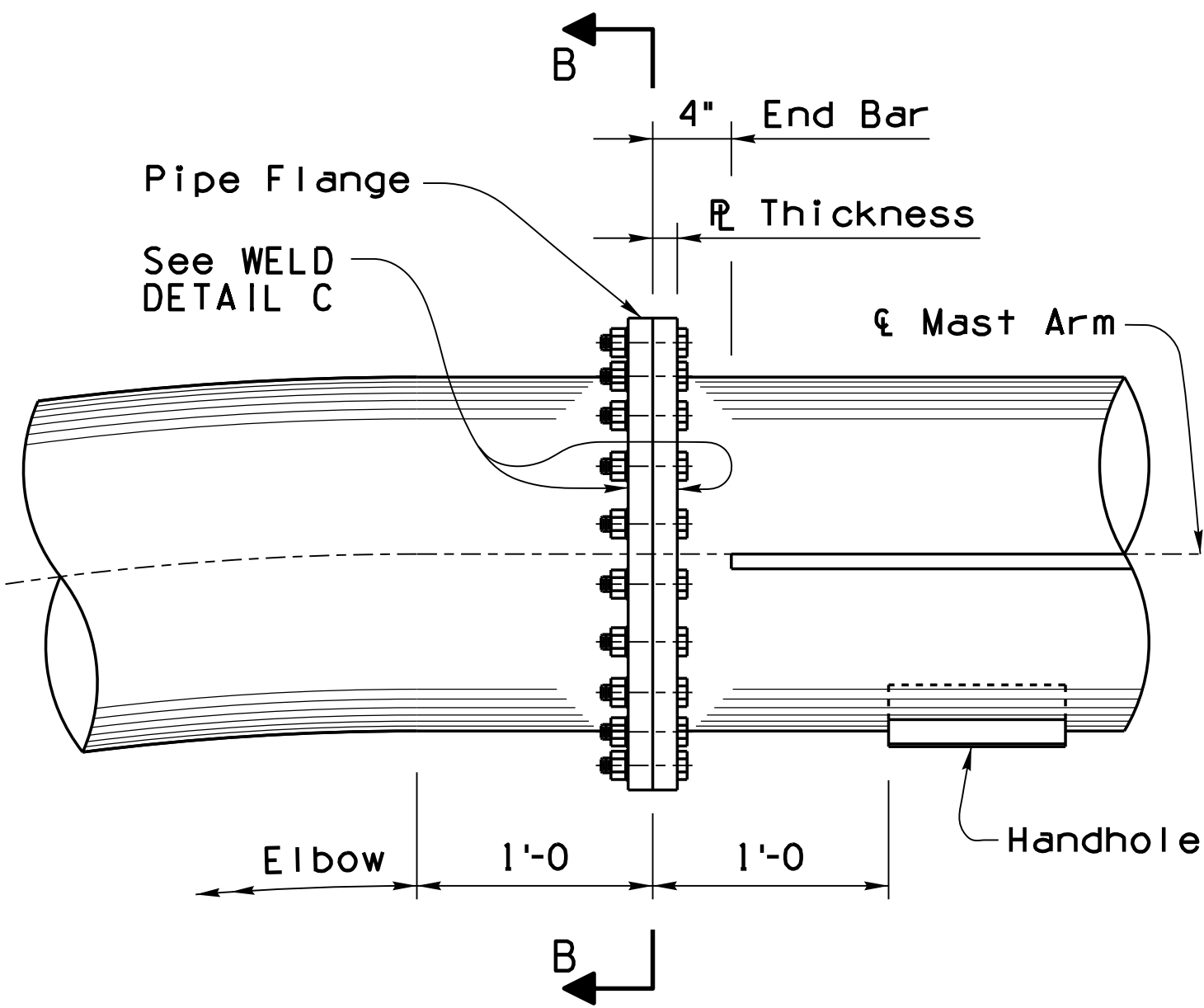
Optional Shop Splice See WELD DETAIL B

Handhole (Facing away from traffic) See HANDHOLE & COVER DETAILS.



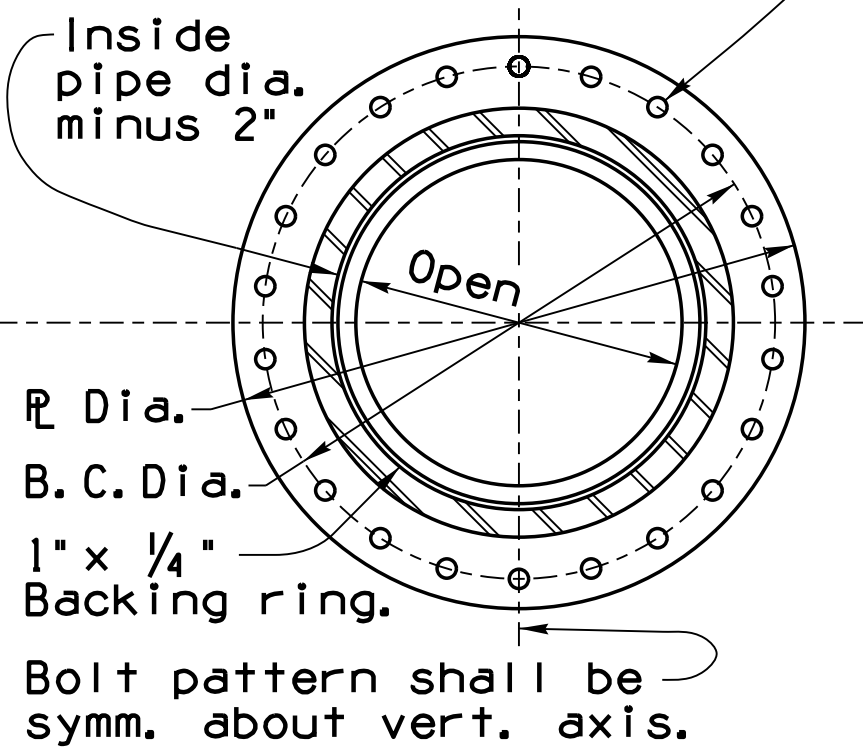
POST BASE ELEVATION

For Base R Details see Drawing 2 of 5.

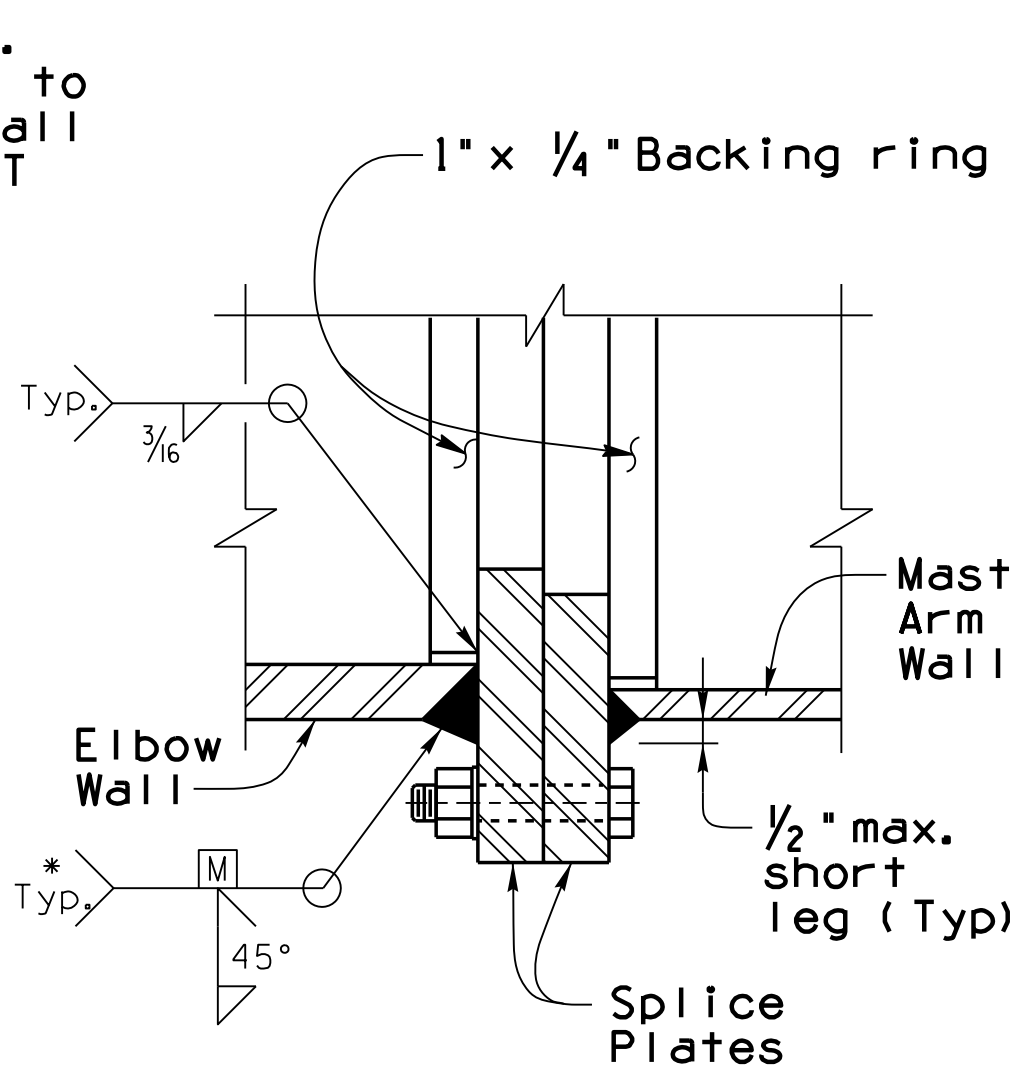


FIELD SPLICE

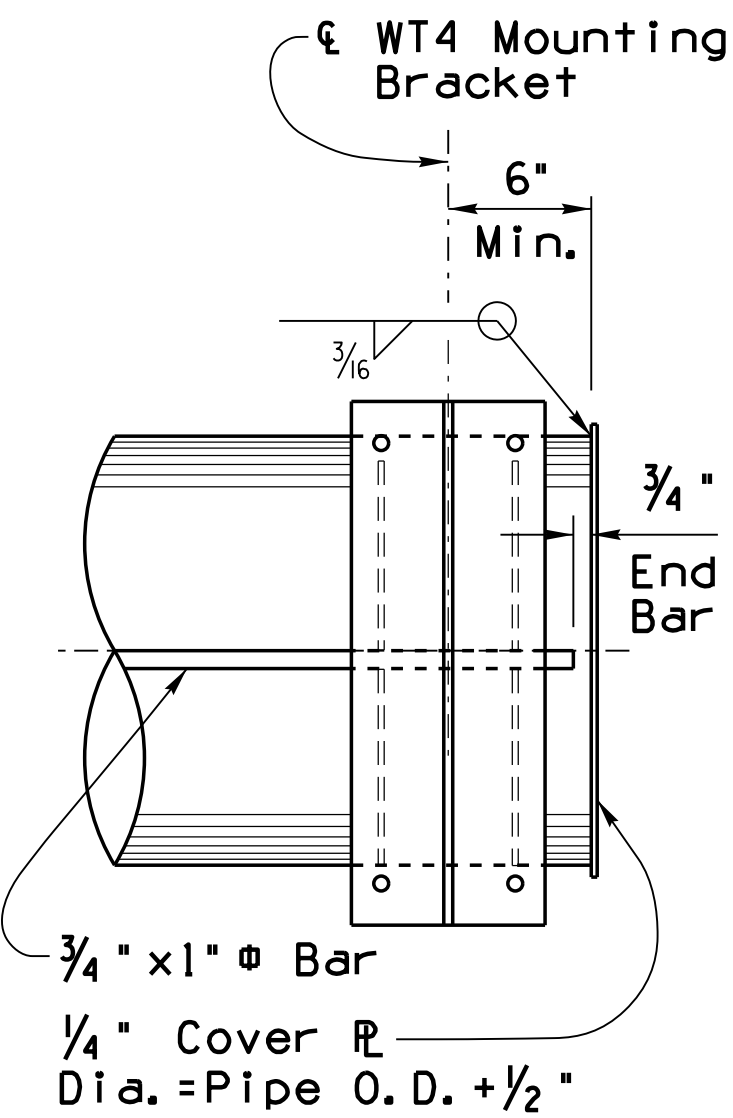
3/4" ϕ ATSM A325 bolts equally spaced. Bolt hole dia. = 15/16". Torque bolts to a tension of 28K. All A325 bolts shall be installed in accordance with ADOT Standard Specification 604-2.03(c). See table for other details.



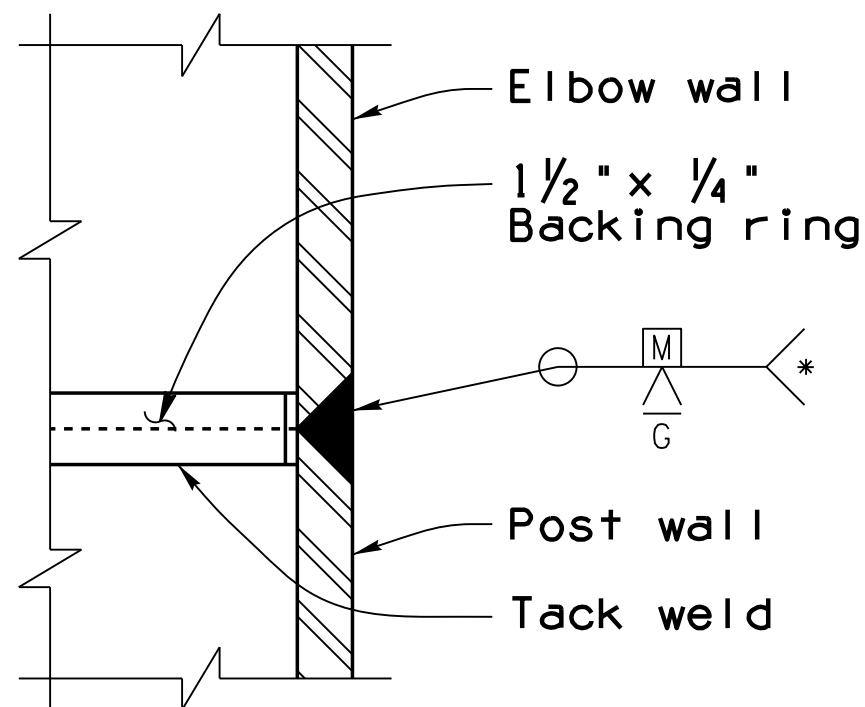
SECTION B-B



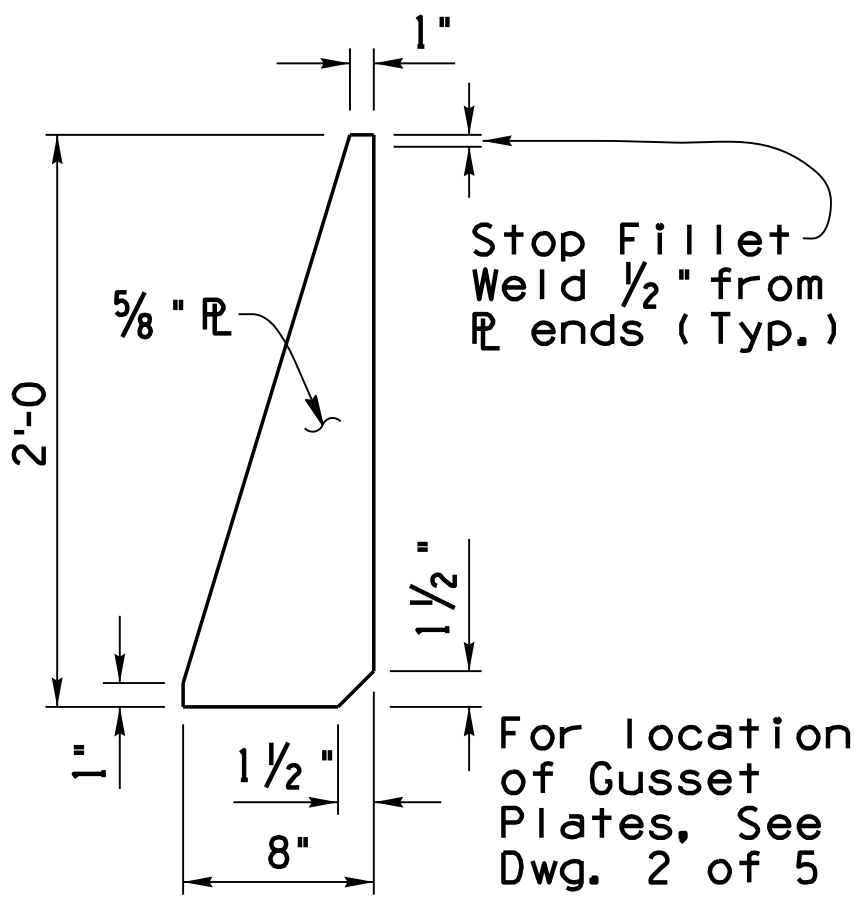
WELD DETAIL C



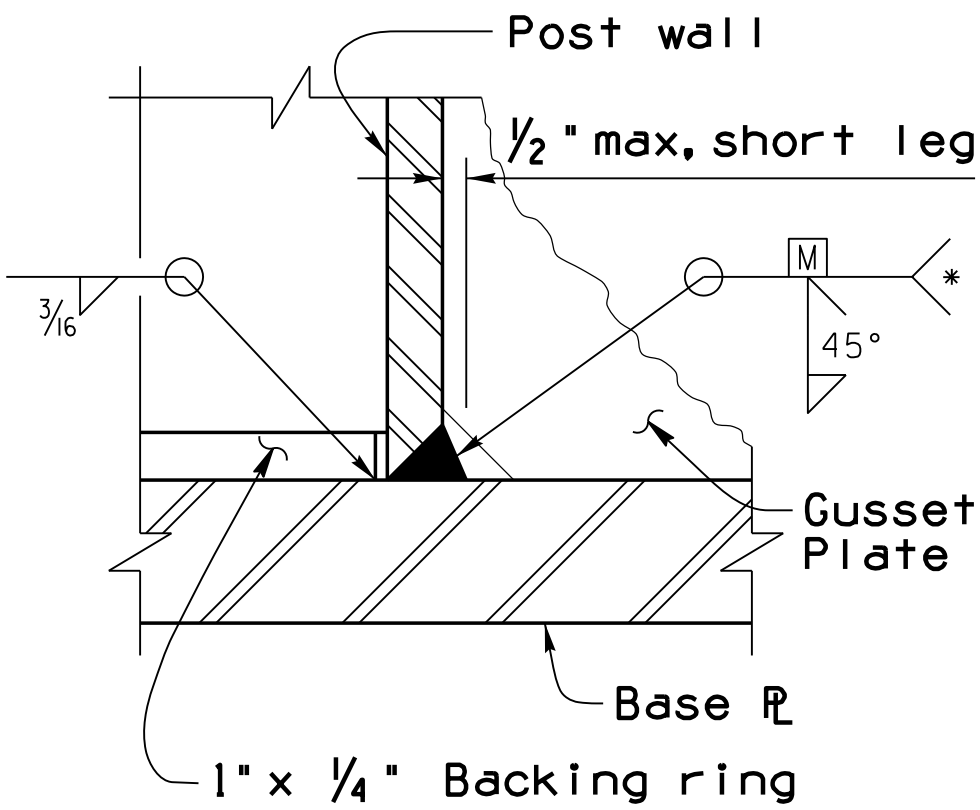
MAST ARM END DETAIL



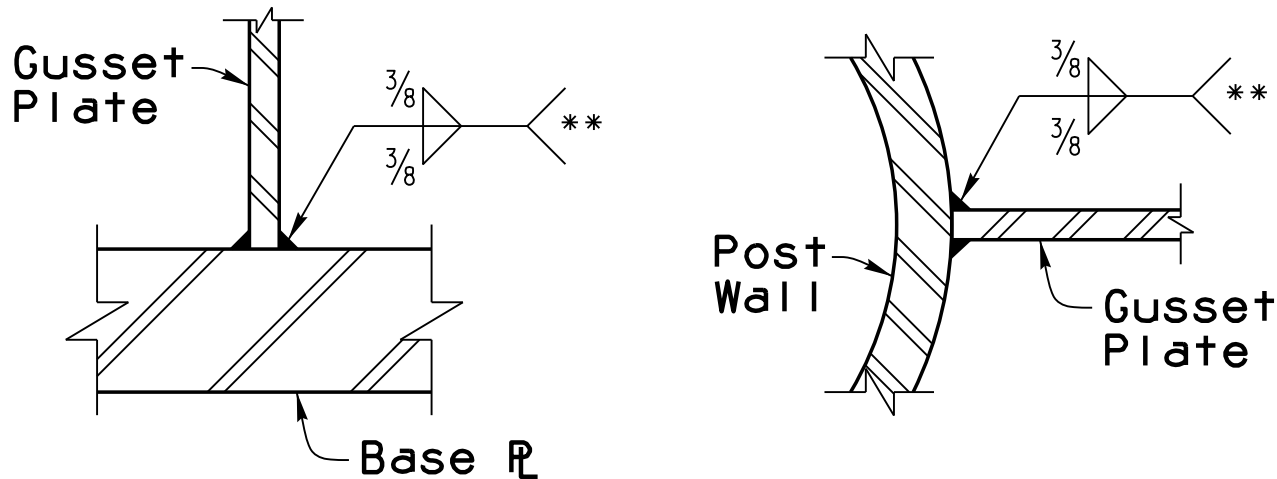
WELD DETAIL B



GUSSET PLATE DETAIL



WELD DETAIL A



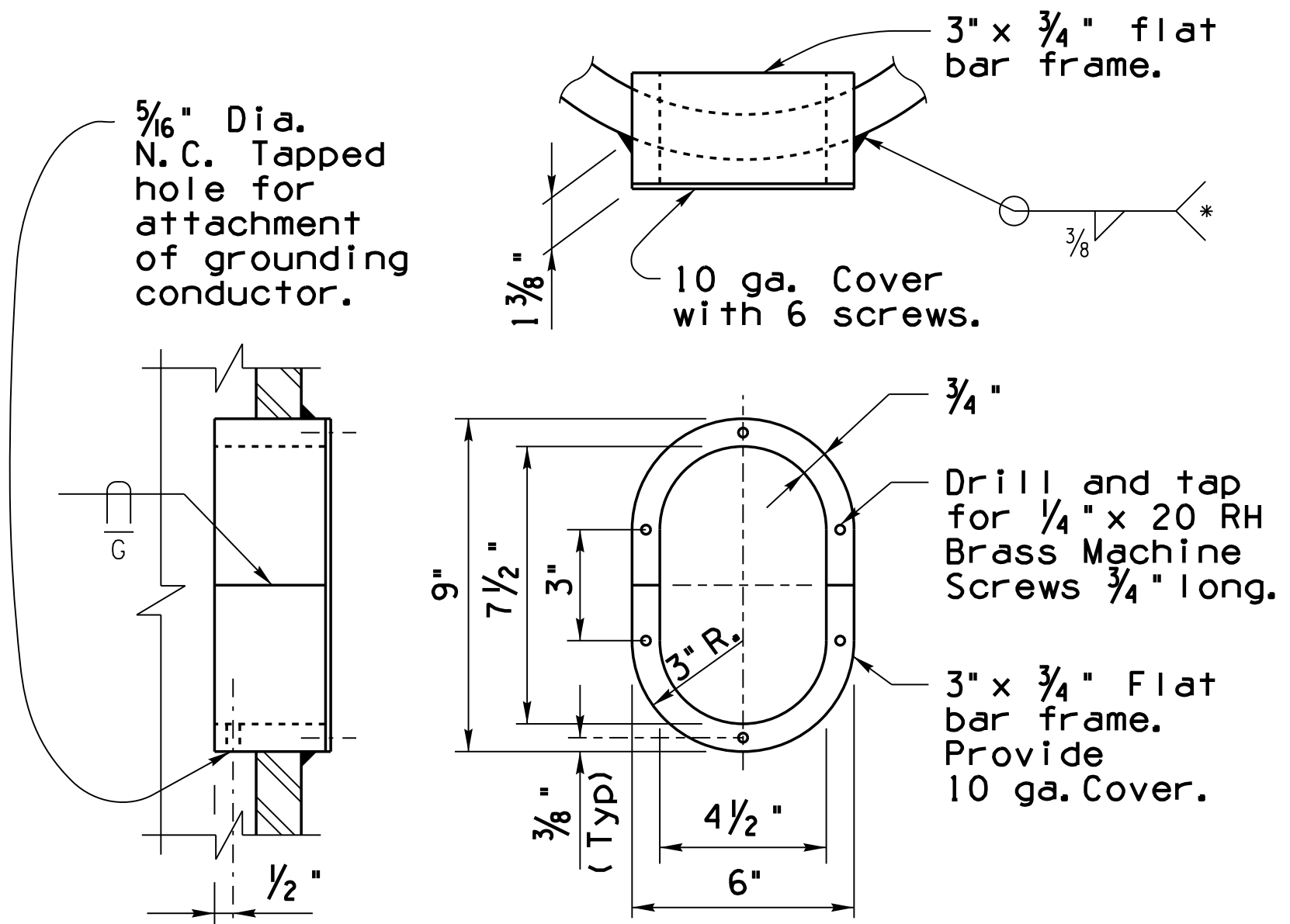
To Base Plate

To Post Wall

GUSSET PLATE WELDS

* Preheat per AWS requirements.

** Stop Fillet Weld 1/2" from R ends.



HANDHOLE & COVER DETAILS

DESIGN APPROVED <i>Shafiq U. Hasan</i>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STRUCTURE DETAIL	
APPROVED FOR DISTRIBUTION <i>Teon A. Nehme</i>		TUBULAR SIGN STRUCTURES TUBULAR CANTILEVER POST AND MAST ARM DETAILS	
ROUTE	PROJECT NO.	FA NO.	DRAWING NO. SD 9.10 (3 of 5)
LOCATION			SHEET NO. OF